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INFORMATION DISCLOSURE

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Group Art Unit 1646

Examiner Name Not Yet Assigned

Attorney Docket Number 22058-560 CIP4DIV3CON

STATEMENT BY APPLICANT

(use as many sheets as necessary)

U.S. PATENT DOCUMENTS Sub Class Filing Date Name of Patentee(s) or Applicant(s) Class Exam Initials U.S. Patent Document No. Issue Date If Appropriate Α1 5,563,039 10/08/96 Goeddel, et al. 5,464,938 11/07/95 Smith, et al. 04/09/96 **A**3 5,506,340 Heavner

Dower, et al.

03/22/94

Exam Initials	Cite No-	Foreig Office	n Patent Doce Number	ument	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
V	B1	wo	96/34095	,	Human Genome Sciences, Inc.	10/31/1996	
9	B2	wo	95/31544	•	Yeda Research and Development Co., Ltd.	11/23/1995	
2	В3	wo	95/33051	•	Genentech, Inc.	12/07/1995	
V	В4	wo	94/01548	•	Medical Research Council	01/20/1994	
	85	wo	94/10207	,	Chiron Corporation	05/11/1994	
2	86	wo	92/14834	•	The Whittier Institute for Diabetes and Endocrinology	09/03/1992	
	В7	wo	92/03471	v	Chiron Corporation	03/05/1992	
	B8	wo	92/03470		Chiron Corporation	03/05/1992	
1	B9	EΡ	0 585 939	,	Yeda Research and Development Co., Ltd.	03/09/1994	
1	B10	EP	0 308 378	ţ	Yeda Research and Development Co., Ltd.	03/22/1989	
4	B11	EP	0 393 438		Boehringer Ingelheim International G.M.B.H.	10/24/1990	
1	B12	EP	0 433 900	•	Yeda Research and Development Co., Ltd.	06/26/1991	
1	B13	EP	0 526 905	•	Yeda Research and Development Co., Ltd.	02/10/1993	
7	B15	wo	93/19777		Immunex Corp.	10/14/1993	

7. 7.	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.			
2	C1 、	Miki, et al. (1992). "Disruption of the APC Gene by a Retrotransposal Insertion of L1 Sequence in a Colon Cancer" Cancer Res. <u>52</u> : 643-645.			
~	C2	Darnay, et al. (1994). "Identification of a Protein Kinase Associated with the Cytoplasmic Domain of the p60 Tumor Necrosis Factor Receptor" <i>J. Biol. Chem.</i> 269(32): 20299-20304.			
V	C3 .	Kiefer, et al. (1992). "Characterization of Recombinant Human Insulin-like Growth Factor Binding Proteins 4,5 and 6 Produced in Yeast" <i>J. Biol. Chem.</i> 267(18): 12692-12699.			
TV	C4 .	Genbank Accession Number: T08593 (05/23/93).			
C	C5-	GenBank Accession Number: T07800 (07/21/00).			
	C6 ·	GenBank Accession Number: M78050 (05/26/92).			

Page 2 of 2

1 024 -	OTHER PRIOR ART, NON BOTH LITERATURE DOCUMENTS					
No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
-	GenBank Accession Number: M78539 (05/26/92).					
	GenBank Accession Number: U44953 (07/01/96). TECH CENTER 1600					
	GenBank Accession Number: U48254 (08/03/96).					
	Tartaglia, et al. (1992). "Tumor Necrosis Factor Receptor Signaling" J. Biol. Chem. 267(7): 4304-4307.					
C11.	Tartaglia, et al. (1993). "Turnor Necrosis Factor's Cytotoxic Activity is Signaled by the p55 TNF Receptor" Cell 73: 213-216.					
C12 .	Gyuris, et al. (1993). "Cdi1, a Human G1 and S Phase Protein Phosphatase That Associates with Cdk2" Cell 75: 791-803.					
C13.	Schall, et al. (1990). "Molecular Cloning and Expression of a Receptor for Human Tumor Necrosis Factor" Cell 61: 361-370.					
C14.	Shimasaki, et al. (1991). "Identification of Five Different Insulin-like Growth Factor Binding Proteins from Adult Rat Serum and Molecular Cloning of a Novel IGFBP-5 in Rat and Human" J. Biol. Chem. 266(16): 10646-10653.					
C15 _.	Saragovi, et al. (1992). "Loops and Secondary Structure Mimetics: Development and Applications in Basic Science and Rational Drug Design" <i>BioTechnology</i> 10: 773-778.					
C16	McDowell, et al. (1992). "Structural Studies of Potent Constrained RGD Peptides" J. Am. Chem. Soc. 114(24): 9245-9253.					
e17 _	Kaufman, et al. (1991). "Improved vectors for stable expression of foreign genes in mammalian cells by use of the untranslated leader sequence from EMC virus" <i>Nucleic Acids Res.</i> <u>19</u> (16): 4485-4490.					
C18 .	Kaufman, et al. (1990). "Selection and Coamplification of Heterologous Genes in Mammalian Cells" <i>Methods in Enzymology</i> 185: 537-566.					
C19 .	Gietz, et al. (1992). "Improved method for high efficiency transformation of intact yeast cells" <i>Nucleic Acids Res.</i> 20(6): 1425.					
C20,	Waye, et al. (1995). "Gene expression of adult human heart as revealed by random sequencing of cDNA library" Protein Engineering 8: 90.					
e 21 ,	Auffray, et al. (1995). "IMAGE: integrated molecular analysis of the human genome and its expression" Life Sciences 318: 263-272. English Abstract					
C22 .	Rothe, et al. (1994). "A Novel Family of Putative Signal Transducers Associated with the Cytoplasmic Domain of the 75 kDa Tumor Necrosis Factor Receptor" Cell 78: 681-692.					
C23,	Song, et al. (1994). "Aggregation of the Intracellular Domain of the Type 1 Tumor Necrosis Factor Receptor Defined by the Two-hybrid System" J. Biol. Chem. 269(36): 22492-22495.					
C24 :	Tartaglia, et al. (1993). "A Novel Domain within the 55 kd TNF Receptor Signals Cell Death" Cell 74: 845-853.					
_C25	Boldin, et al. (1995). "Self-association of the "Death Domains" of the p55 Tumor Necrosis Factor Receptor and Fas/APO1 Prompts Signaling for the TNF and Fas/APO1 Effects" J. Biol. Chem. 270: 387-391.					
£26 _,	Hsu, et al. (1995). "The TNF Receptor 1-Associated Protein TRADD Signals Cell Death and NF-kB Activation" Cell 81: 495-504.					
C27 .	Boldin, et al. (1995). "A protein related to a proteasomal subunit binds to the intracellular domain of the p55 TNF receptor upstream to its 'death domain'" FEBS Letters 267: 39-44.					
Ç28 ·	Adams, et al. (1992). "Sequence identification of 2,375 human brain genes" Nature 355: 632-634.					
C29,	Adams, et al. (1993). "Rapid cDNA sequencing from a directionally cloned human infant brain cDNA library" Nature Genetics 4: 373-380.					
•	eference is not provided as it was previously cited by or submitted to the office in a prior application,					
	Date Considered Y-14-05					
	C7 C8 C9 C10 C10 C11 C12 C13 C14 C15 C16 C17 C18 C20 C21 C22 C23 C22 C23 C24 C25 C26 C27 C28 C29 of this r					

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